

FIG. 1
(PRIOR ART)

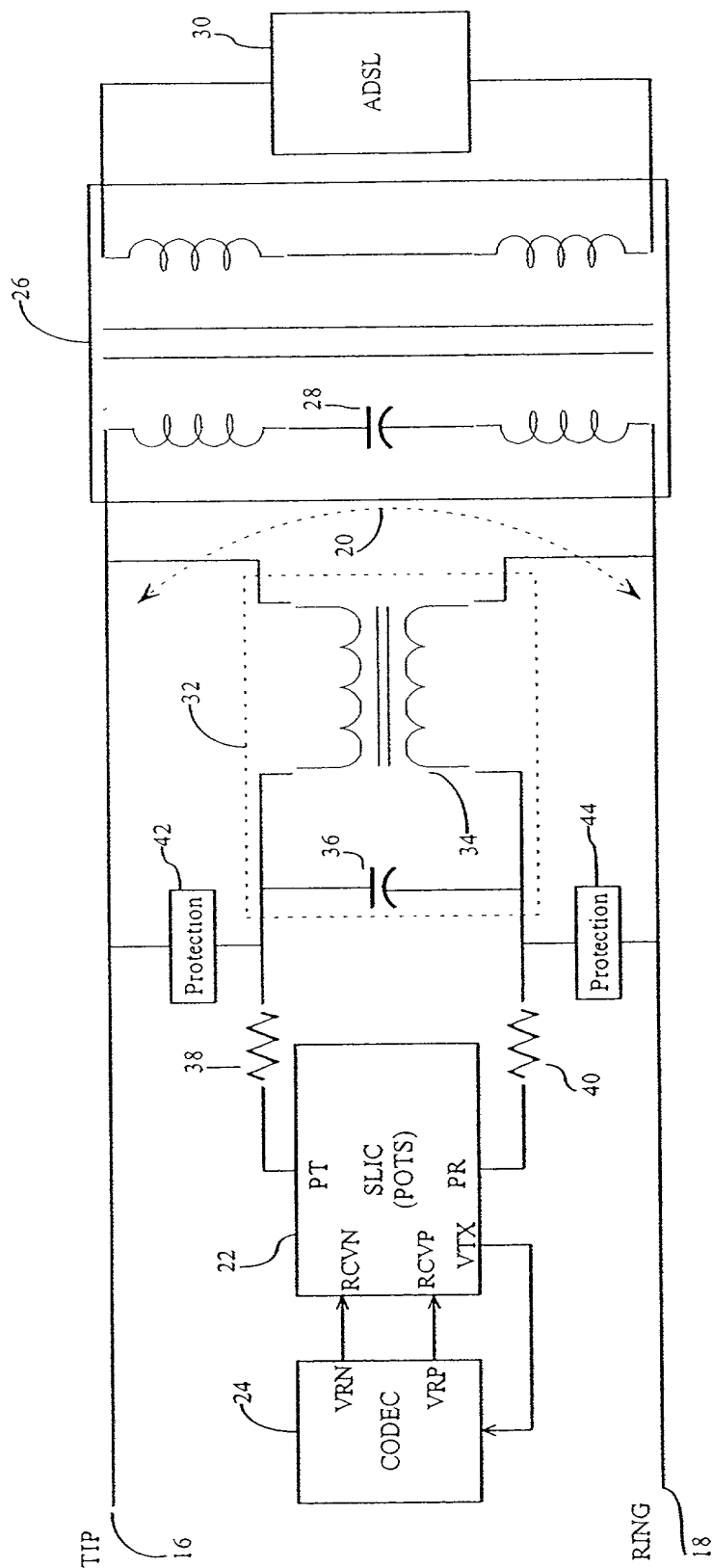


FIG. 2
(PRIOR ART).

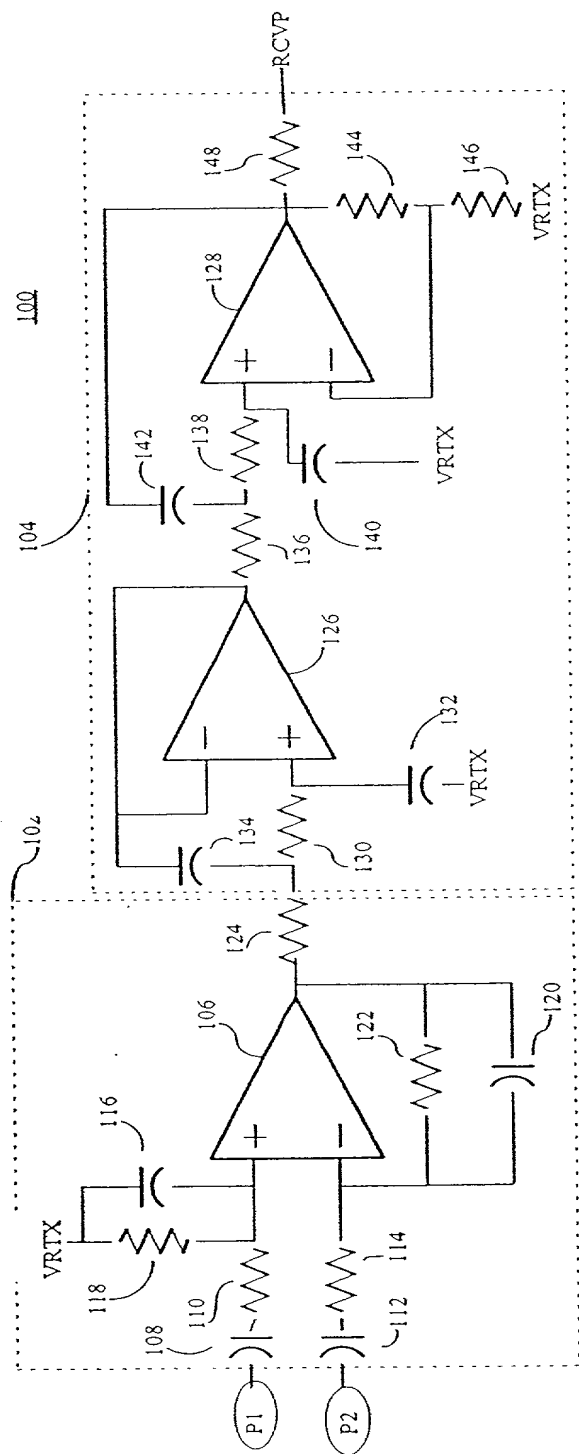


FIG. 4

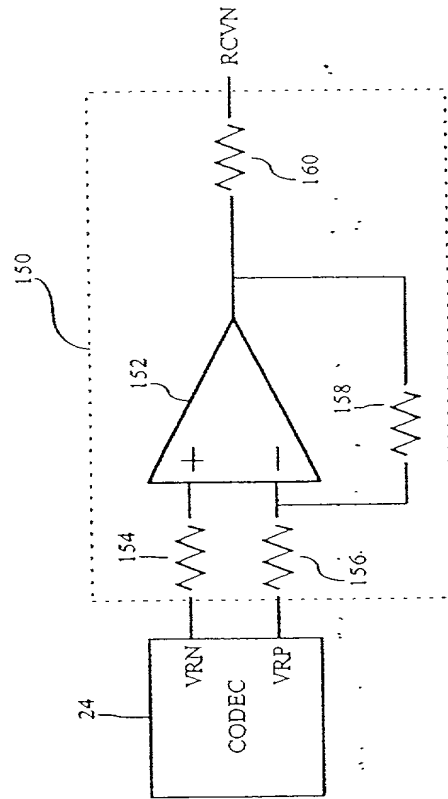


FIG. 5

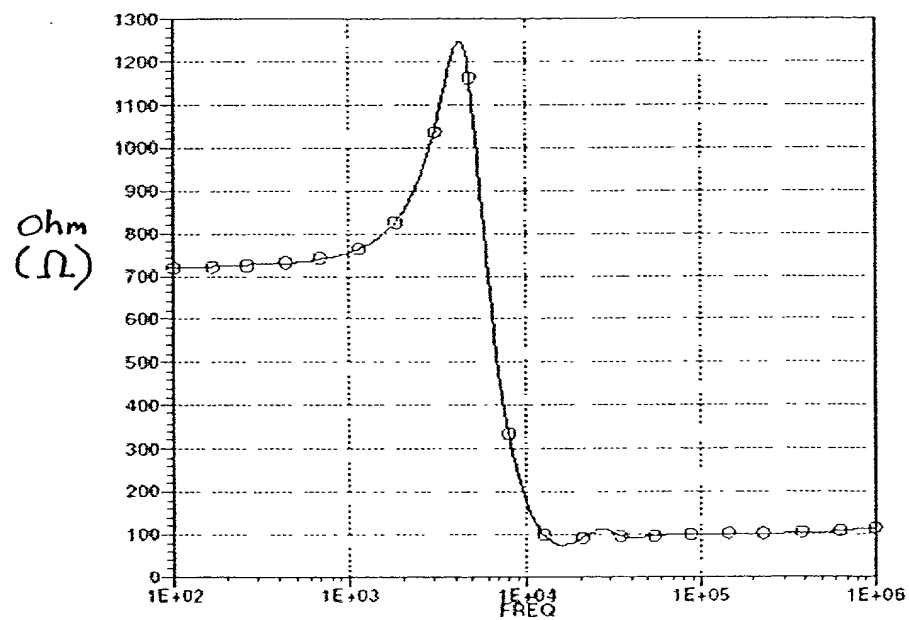


FIG. 6

Figure 1 is a graph showing the magnitude of the transfer function $|H(f)|$ in dB versus frequency (FREQ) in Hz. The y-axis ranges from -24 to -6 dB, and the x-axis ranges from 0 to 3500 Hz. Two curves are plotted:

- The upper curve, marked with solid circles and a dashed line, is labeled "w/o Capacitor Cancellation". It starts at approximately -18.5 dB at 250 Hz and rises to about -7.8 dB at 3400 Hz.
- The lower curve, marked with open circles and a solid line, is labeled "w/ Capacitor Cancellation". It starts at approximately -18.5 dB at 250 Hz, reaches a minimum of about -22.8 dB at 1800 Hz, and then rises to about -12.2 dB at 3400 Hz.

F16.7

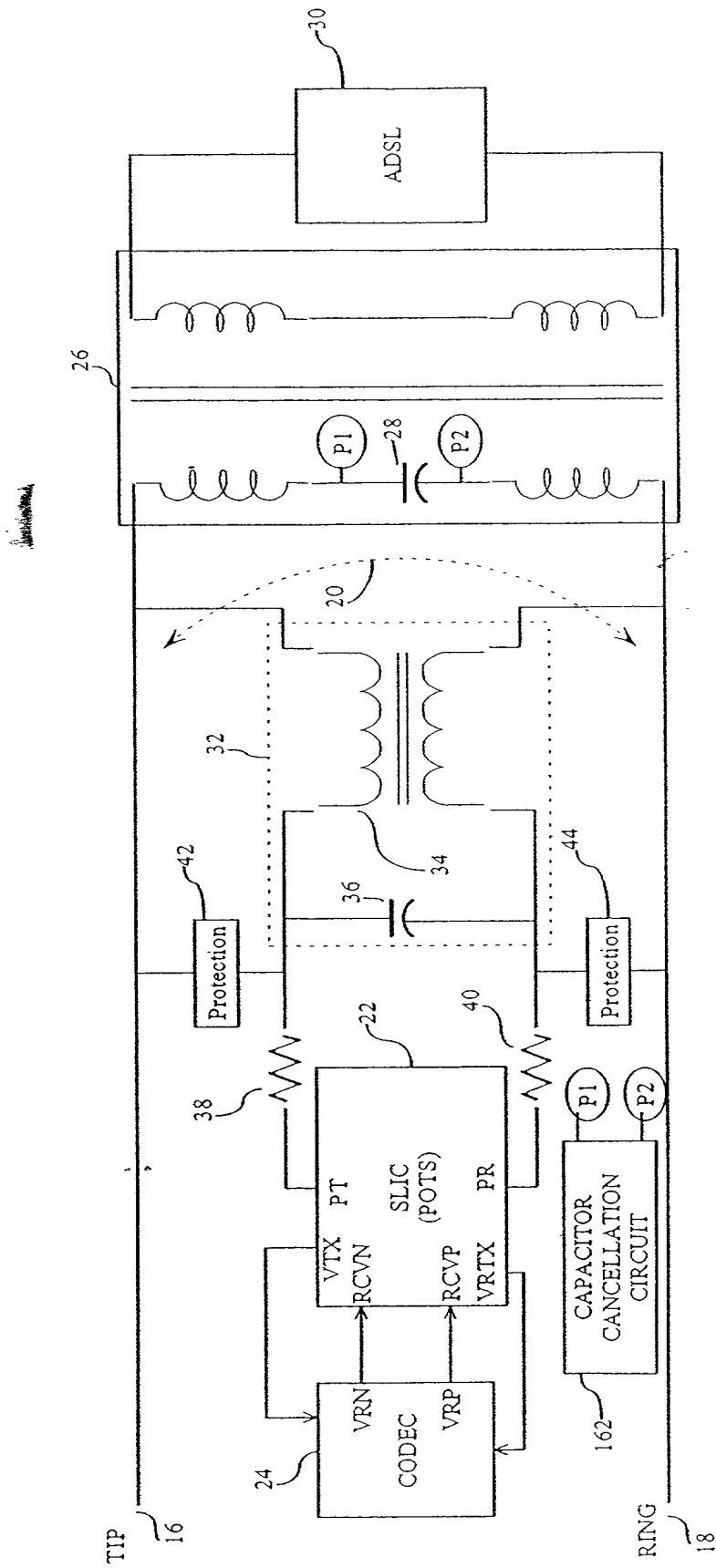


FIG. 8

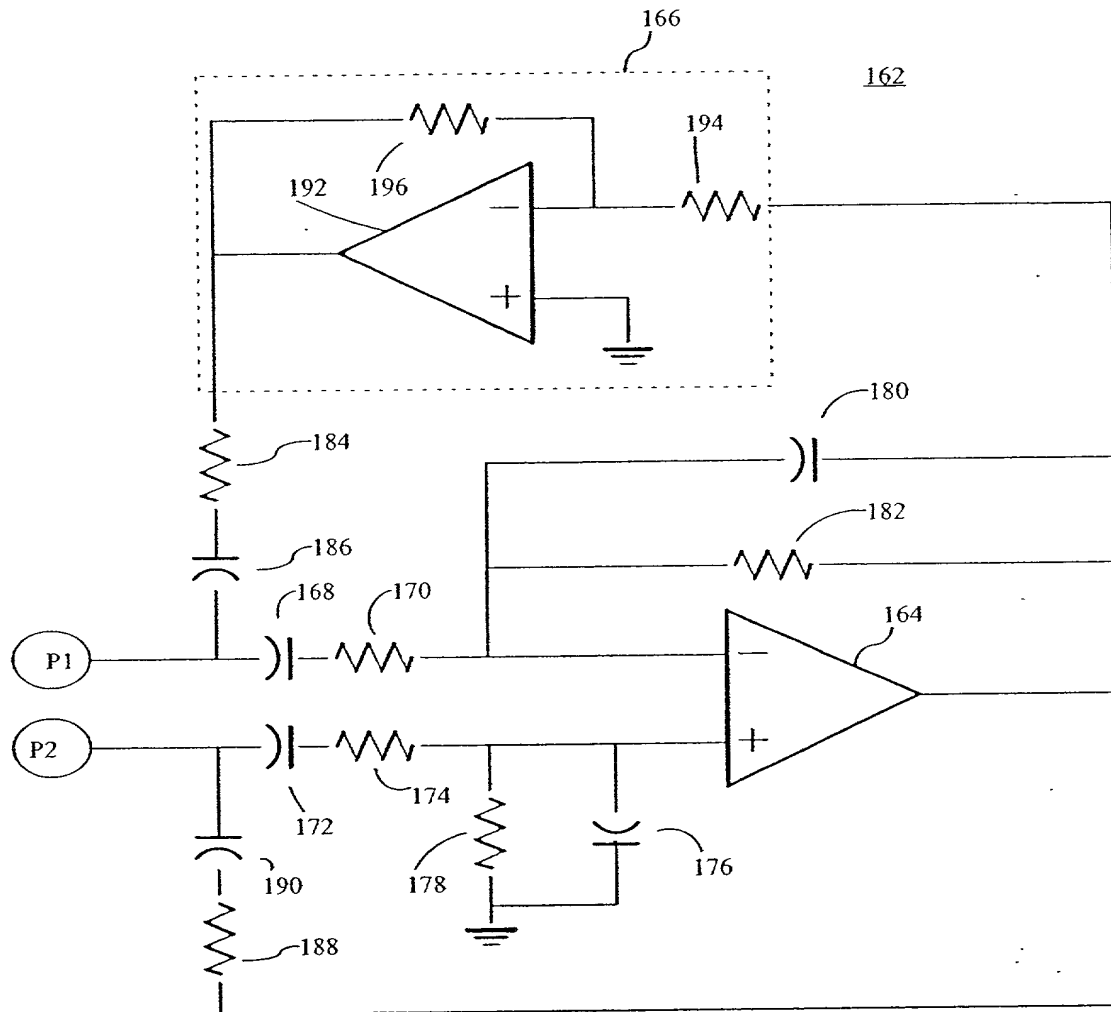


FIG. 7

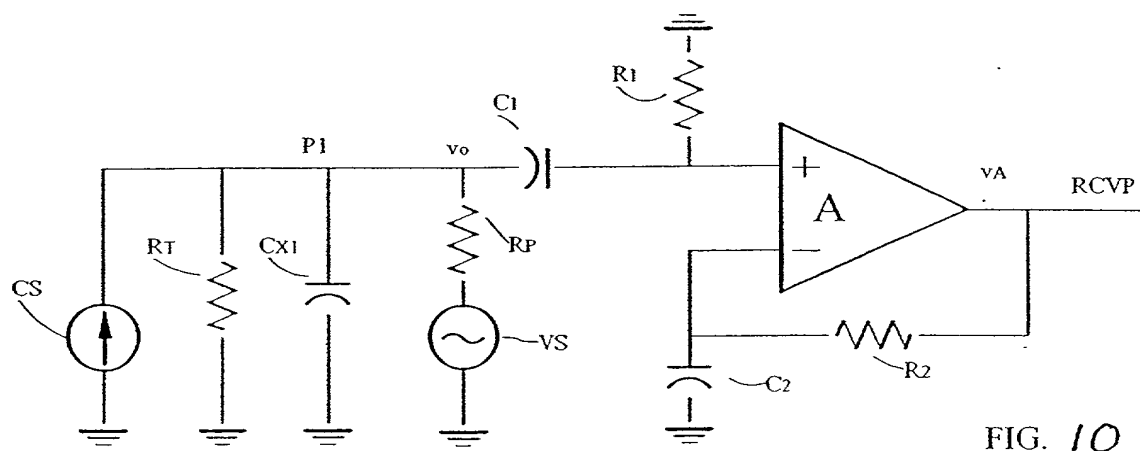


FIG. 10

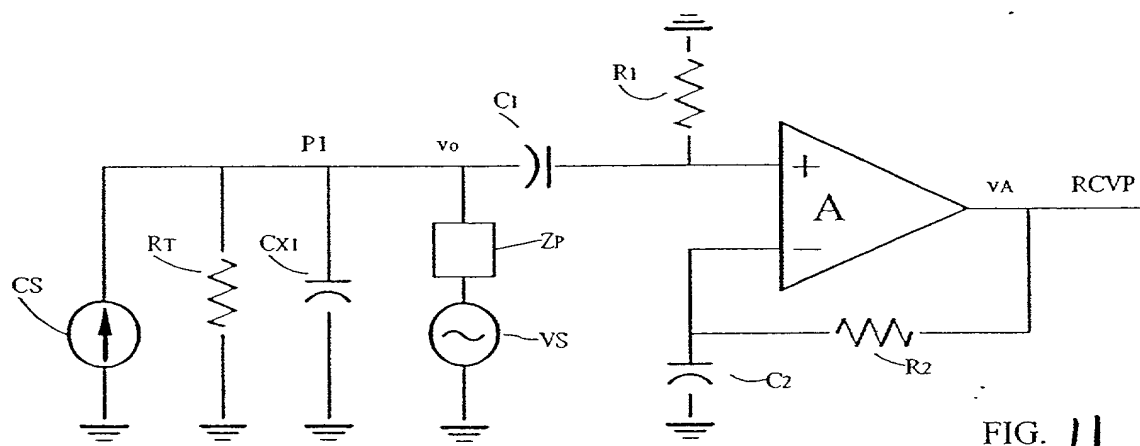


FIG. 11

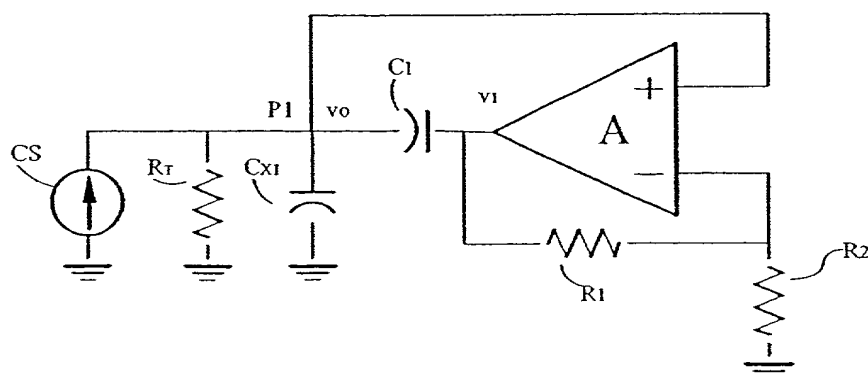


FIG. 12